OKER CHEMIE®	**Product Information** **Aluminium Potassium Sulphate dodecahydrate, Ph.Eur. Grade** (Potassium Alum)	Doc: PI-KAL-02 Date: 09 / 2024 Revision: 07

Aluminium Potassium Sulphate is „Made in Germany“!

Aluminium Potassium Sulphate dodecahydrate

is manufactured by dissolving aluminium hydroxide in sulphuric acid with addition of potassium sulphate.

Aluminium Potassium Sulphate dodecahydrate

pharmaceutical grade is used for a wide range of applications in the cosmetic and pharmaceutical industries based on its astringent and styptic effects. On customer request, the material is also available in USP quality.

Basis

Formula	$KAl(SO_4)_2 \cdot 12\ H_2O$	CAS-No.	7784 – 24 – 9

Chemical Characteristics

Content of $KAl(SO_4)_2$	99.0 – 100.5 %	Loss on drying (1 h, 400 °C)	43.0 – 46.0 %

Chemical Purity

Fe	max. 0.01 %	Heavy metals as Pb	max. 0.002 %
NH_3	max. 0.20 %		

Physical Characteristics

Density (20 °C)	ca. 1.75 g/cm^3	Solubility in H_2O (20 °C)	ca. 120 g/l
Bulk density	ca. 1.000 kg/m^3	Standard grain size	0 – 2.0 mm
pH-value (10 g / 100 ml H_2O; 20 °C)	ca. 3.0 – 3.5		

Packaging

Polyethylene bags	25 kgs

Note:
Any details of application possibilities do not free the purchaser from the obligation of performing their own test on the material supplied by the seller in order to determine their suitability for the intended processes and purposes. Application, use and processing of the material cannot be controlled by the seller and are thus the sole responsibility of the purchaser.

National handling regulations should be observed.

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